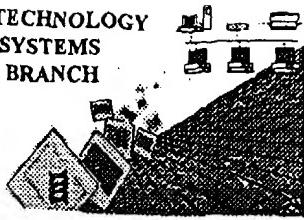


APPLICATIONS COPY

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/927,933A
Source: IFW16
Date Processed by STIC: 7/28/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT
MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office, 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>09/927,933A</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) _____ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped	
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input checked="" type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/927,933A

DATE: 07/28/2004
 TIME: 16:34:23

Input Set : A:\09927933seq.TXT
 Output Set: N:\CRF4\07282004\I927933A.raw

3 <110> APPLICANT: LEROY, Pierre
 4 MEHTALI, Majid
 6 <120> TITLE OF INVENTION: NOVEL IMPLANT AND NOVEL VECTOR FOR THE TREATMENT OF
 7 ACQUIRED DISEASES
 9 <130> FILE REFERENCE: 032751-066
 11 <140> CURRENT APPLICATION NUMBER: 09/927,933A
 12 <141> CURRENT FILING DATE: 2001-08-13
 14 <150> PRIOR APPLICATION NUMBER: 08/809,110
 15 <151> PRIOR FILING DATE: 1997-03-31
 17 <150> PRIOR APPLICATION NUMBER: PCT/FR95/01171
 18 <151> PRIOR FILING DATE: 1995-09-13
 20 <150> PRIOR APPLICATION NUMBER: FR 94 10911
 21 <151> PRIOR FILING DATE: 1994-09-13
 23 <160> NUMBER OF SEQ ID NOS: 22
 25 <170> SOFTWARE: PatentIn Ver. 2.0
 27 <210> SEQ ID NO: 1
 28 <211> LENGTH: 25 *initial <213> response. See item 10 on Env summary sheet.*
 29 <212> TYPE: DNA
 30 <213> ORGANISM: synthetic oligonucleotide OTG5168
 32 <400> SEQUENCE: 1
 33 ggaagcttcc atggacatga gggtc 25
 35 <210> SEQ ID NO: 2
 36 <211> LENGTH: 25
 37 <212> TYPE: DNA
 38 <213> ORGANISM: synthetic oligonucleotide OTG5169
 40 <400> SEQUENCE: 2
 41 aagaattcct aacactctcc cctgt 25
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 25
 45 <212> TYPE: DNA
 46 <213> ORGANISM: synthetic oligonucleotide OTG5170
 48 <400> SEQUENCE: 3
 49 aaaagcttcc atggagttgg gtctg 25
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 25
 53 <212> TYPE: DNA
 54 <213> ORGANISM: synthetic oligonucleotide OTG5171
 56 <400> SEQUENCE: 4
 57 gggatttcc atttagccgg agaca 25
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 27
 62 <212> TYPE: DNA
 63 <213> ORGANISM: synthetic oligonucleotide OTG6114

*pp 1-4**Reply
to Magder*

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/927,933A

DATE: 07/28/2004
TIME: 16:34:23

Input Set : A:\09927933seq.TXT
Output Set: N:\CRF4\07282004\I927933A.raw

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65 <400> SEQUENCE: 5
66 gggaaattcca ccatgggcat caagatg
68 <210> SEQ ID NO: 6
69 <211> LENGTH: 30
70 <212> TYPE: DNA
71 <213> ORGANISM: synthetic oligonucleotide OTG6115
73 <400> SEQUENCE: 6
74 ggtcttagatc taacactcat tcctgttcaa
76 <210> SEQ ID NO: 7
77 <211> LENGTH: 27
78 <212> TYPE: DNA
79 <213> ORGANISM: synthetic oligonucleotide OTG6192
81 <400> SEQUENCE: 7
82 ctgtcgacca ccatggatgg agcagag
84 <210> SEQ ID NO: 8
85 <211> LENGTH: 43
86 <212> TYPE: DNA
87 <213> ORGANISM: synthetic oligonucleotide OTG6194
89 <400> SEQUENCE: 8
90 acgaattcgc ggccgcgctc cctccgcac ac ttaccgg agt
92 <210> SEQ ID NO: 9
93 <211> LENGTH: 26
94 <212> TYPE: DNA
95 <213> ORGANISM: synthetic oligonucleotide OTG5147
97 <400> SEQUENCE: 9
98 ctgtggcgcc cgccgcacag gttatc
100 <210> SEQ ID NO: 10
101 <211> LENGTH: 28
102 <212> TYPE: DNA
103 <213> ORGANISM: synthetic oligonucleotide OTG5148
105 <400> SEQUENCE: 10
106 caggcgcccg ctttttcgt tatctgat
108 <210> SEQ ID NO: 11
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: synthetic oligonucleotide OTG5299
113 <400> SEQUENCE: 11
114 tacattacag cctcagaagg a
116 <210> SEQ ID NO: 12
117 <211> LENGTH: 23
118 <212> TYPE: DNA
119 <213> ORGANISM: synthetic oligonucleotide OTG6193
121 <400> SEQUENCE: 12
122 acgaattctc attaccgg agt
124 <210> SEQ ID NO: 13
125 <211> LENGTH: 35
126 <212> TYPE: DNA
127 <213> ORGANISM: human CD4 cDNA
129 <400> SEQUENCE: 13

```

OK

This is acceptable because it gives more of a Genus/species response.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/927,933A

DATE: 07/28/2004

TIME: 16:34:23

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw

130 ccgctcgagc caccatgaac cggggagtcc ctttt 35
 132 <210> SEQ ID NO: 14
 133 <211> LENGTH: 30
 134 <212> TYPE: DNA
 135 <213> ORGANISM: human CD4 cDNA OK
 137 <400> SEQUENCE: 14
 138 acaagatttg gggttcctgga aagctagcac 30
 140 <210> SEQ ID NO: 15
 141 <211> LENGTH: 30
 142 <212> TYPE: DNA
 143 <213> ORGANISM: cDNA of heavy chain of antibody 2F5
 145 <400> SEQUENCE: 15
 146 gtgcttagtt tccaggagcc caaatcttgt 30
 148 <210> SEQ ID NO: 16
 149 <211> LENGTH: 36
 150 <212> TYPE: DNA
 151 <213> ORGANISM: cDNA of heavy chain of antibody 2F5
 153 <400> SEQUENCE: 16
 154 tggggccccc atgggggcag ggtgtacacc tgtgg 36
 156 <210> SEQ ID NO: 17
 157 <211> LENGTH: 27
 158 <212> TYPE: DNA
 159 <213> ORGANISM: human angiogenin cDNA OK
 161 <400> SEQUENCE: 17
 162 gggggatccc aggataactc caggtaac 27
 164 <210> SEQ ID NO: 18
 165 <211> LENGTH: 27
 166 <212> TYPE: DNA
 167 <213> ORGANISM: human angiogenin cDNA OK
 169 <400> SEQUENCE: 18
 170 ggggaattct tacggacgac ggaaaat 27
 172 <210> SEQ ID NO: 19
 173 <211> LENGTH: 30
 174 <212> TYPE: DNA
 175 <213> ORGANISM: cDNA of heavy chain of antibody 2F5
 177 <400> SEQUENCE: 19
 178 tgccccatc ccgggaggag atgaccaaga 30
 180 <210> SEQ ID NO: 20
 181 <211> LENGTH: 36
 182 <212> TYPE: DNA
 183 <213> ORGANISM: cDNA of heavy chain of antibody 2F5
 185 <400> SEQUENCE: 20
 186 gggggatccc ccgcacacct tagccggaga caggaa 36
 188 <210> SEQ ID NO: 21
 189 <211> LENGTH: 7
 190 <212> TYPE: PRT
 191 <213> ORGANISM: HIV gp41 2F5 epitope
 193 <400> SEQUENCE: 21
 194 Glu Leu Asp Lys Trp Ala Ser

This is an acceptable (213) response because it gives more information as to genus/species.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/927,933A

DATE: 07/28/2004
TIME: 16:34:23

Input Set : A:\09927933seq.TXT
Output Set: N:\CRF4\07282004\I927933A.raw

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197 <210> SEQ ID NO: 22
198 <211> LENGTH: 5
199 <212> TYPE: PRT
200 <213> ORGANISM Linker
202 <400> SEQUENCE: 22
203 Gly Gly Gly Ser
204 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/927,933A

DATE: 07/28/2004

TIME: 16:34:24

Input Set : A:\09927933seq.TXT

Output Set: N:\CRF4\07282004\I927933A.raw